

ISOMETRIC VIEW

TABLE OF FORCES AND MOMENTS DUE TO THERMAL EXPANSION AND WEIGHT OF STEAM LEAD AND VALVES

BOILER NO.	Fx LB [Kg]	Fy LB [Kg]	Fz LB [Kg]	Mx FT LB [J]	My FT LB [J]	Mz FT LB [J]
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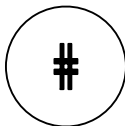
TABLE OF FORCES AND MOMENTS DUE TO SEISMIC ACTION OF THE STEAM LEAD AND VALVES

BOILER NO.	Fx LB [Kg]	Fy LB [Kg]	Fz LB [Kg]	Mx FT LB [J]	My FT LB [J]	Mz FT LB [J]
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NOTES:

1. BOILERS SHALL BE DESIGNED TO WITHSTAND THE FORCES AND MOMENTS SHOWN ABOVE.
2. ADD ANY Fy FORCE (500 LB [230 Kg] MINIMUM) AS AN ESTIMATION OF THE WEIGHT EFFECT OF THE STEAM LEAD AND VALVE ON THE BOILER. BOILER AND PIPE HANGER SUPPLIERS SHALL COORDINATE TO DETERMINE THE EXACT Fy FORCE WHICH WILL BE IMPOSED ON THE STEAM NOZZLES.
3. DELETE THE SEISMIC TABLE ON NON-SEISMIC AREAS.

FORCES AND MOMENTS ON BOILER STEAM NOZZLES



NTS



Department of Veterans Affairs

DETAIL TITLE / FORCES AND MOMENTS ON BOILER STEAM NOZZLES

SCALE :NONE

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